

WHAT IS CLAIMED IS:

1. A switch for electric equipment comprising:
an operation button arranged at the operation panel side of electric equipment;
a plurality of switch bodies adapted to come into contact with the operation
5 button when depressed at least at two positions located opposite relative to the center of
the front press facet of the operation button; and
the front press facet of the operation button being inclined relative to the plane of
arrangement of the plurality of switch bodies.
2. The switch according to claim 1, further comprising:
10 a link member linking the operation button and the switch bodies;
a hinge; and
an elastic member linked to the link member by the hinge and urging the
operation button in the direction opposite to the depressing direction of the operation
button,
15 wherein the operation button is formed to show a cap-shaped profile having a
plate-shaped part carrying the front press facet and a cylindrical part formed around the
outer periphery of the plate-shaped part and engaged with the link member along the inner
periphery thereof, and
the location of the hinge and the outer peripheral edge of the operation button
20 substantially agree with each other as viewed in the direction of a normal line relative to
the front press facet.
3. The switch according to claim 2, wherein the link member has a disk-shaped part
arranged substantially in parallel with the plane of arrangement, an upper arm and a lower
arm, standing up from the disk-shaped part, with a different heights and the upper arm is
25 provided at the front end thereof with an aligning part for holding the corresponding end
of the cylindrical part in position.
4. The switch according to claim 3, wherein a key button is arranged at the center of
the front press facet of the operation button so as to retractably project and linked to the
key switch body by a key linking part and the key linking part is provided with a through

hole running through the upper arm.

5. The switch according to claim 4, wherein the upper arm has a long slender profile extending along a radial direction of the link member and the through hole is a long hole running along the upper arm.

5 6. The switch according to claim 4, wherein the switch bodies include a pair of switch bodies arranged oppositely relative to each other and another pair of switch bodies arranged oppositely relative to a line segment connecting the former pair of switch bodies and the mid point of the latter pair of switch bodies is separated from the line segment.

7. A piece of electric equipment comprising:

10 a switch for electric equipment including:

an operation button arranged at the operation panel side of electric equipment;

a plurality of switch bodies adapted to come into contact with the operation button when depressed at least at two positions located opposite relative to the center of the front press facet of the operation button; and

15 the front press facet of the operation button being inclined relative to the plane of arrangement of the plurality of switch bodies,

the electric equipment further comprising:

an equipment main body having an operation panel carrying the switch for electric equipment.

20 8. The electric equipment according to claim 7, wherein the equipment main body is provided with a casing having an opening formed at the operation panel side so as to allow the operation button to be inserted and the operation panel is inclined relative to the support surface of the casing, the switch for electric equipment being fitted to the casing in such a way that the operation panel and the front press facet are arranged in parallel with each other.

9. An electric equipment manufacturing apparatus for manufacturing a piece of electric equipment comprising:

a switch for electric equipment including:

an operation button arranged at the operation panel side of electric equipment;

a plurality of switch bodies adapted to come into contact with the operation button when depressed at least at two positions located opposite relative to the center of the front press facet of the operation button; and

the front press facet of the operation button being inclined relative to the plane of arrangement of the plurality of switch bodies,

the electric equipment further comprising:

an equipment main body having an operation panel carrying the switch for electric equipment,

wherein the equipment main body is provided with a casing having an opening formed at the operation panel side so as to allow the operation button to be inserted and the operation panel is inclined relative to the support surface of the casing, the switch for electric equipment being fitted to the casing in such a way that the operation panel and the front press facet are arranged in parallel with each other,

the apparatus comprising:

a casing manufacturing apparatus for manufacturing a casing by injecting a material into a metal mold,

the metal mold including:

a fixed mold half for forming the outer surface of the casing; and

a movable mold half for forming the inner surface of the casing, the movable molding half being adapted to move toward and away from the fixed mold half,

wherein the fixed mold half having a first molding section for forming an opening,

the movable mold half having a second molding section for forming the opening, the movable mold being adapted to abut the first molding section,

the first molding section being arranged substantially in the direction of the normal line to the operation panel, and

the second molding section being arranged substantially along the

support surface of the casing.